

Db 181 TATCAGAGCTCTCCACCCGTAAGCGTGGCGGAAAGTGAAGATGTGGGGAACAAG 240
 QY 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGTTCAAGGGA 300
 Db 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGTTCAAGGGA 300
 QY 301 CGCGTGGGGAAGGTTTCTCCAGCTCCAAAGTCCCTGGGTGAGTCCCAATACCTGGAT 360
 Db 301 CGCGTGGGGAAGGTTTCTCCAGCTCCAAAGTCCCTGGGTGAGTCCCAATACCTGGAT 360
 QY 361 TACCTTTTGAAGTGAAGCCGCGCCCACTGTCTGTGTGTCAACCCAGACGAGAGATC 420
 Db 361 TACCTTTTGAAGTGAAGCCGCGCCCACTGTCTGTGTGTCAACCCAGACGAGAGATC 420
 QY 421 CTGAGTGCATATGCATGACAGTACGAGTCCCTGTCATATGCCCCCACTGATGTGAAGTAT 480
 Db 421 CTGAGTGCATATGCATGACAGTACGAGTCCCTGTCATATGCCCCCACTGATGTGAAGTAT 480
 QY 481 GAGGTGCATATTCGAAAGAGAGGAGGCGGAAACAAAGACCTATTTCCAGTCACTCCCAT 540
 Db 481 GAGGTGCATATTCGAAAGAGAGGAGGCGGAAACAAAGACCTATTTCCAGTCACTCCCAT 540
 QY 541 GGCACGCAAGTCCAGATCACTCTCCAGCAGCTGCGAGCGAAACACACTGCTCAGTGC 600
 Db 541 GGCACGCAAGTCCAGATCACTCTCCAGCAGCTGCGAGCGAAACACACTGCTCAGTGC 600
 QY 601 AGAACCATCTACAGTTCAGTGTCCCGAAATACAGCAAGTTCTCTAAGCCCACTGTCTTC 660
 Db 601 AGAACCATCTACAGTTCAGTGTCCCGAAATACAGCAAGTTCTCTAAGCCCACTGTCTTC 660
 QY 661 TTGCTGAGAGTCCAGAGACTTTTCTGSAACAACAACCTGTGGCAACTTTGAGCCAG 720
 Db 661 TTGCTGAGAGTCCAGAGACTTTTCTGSAACAACAACCTGTGGCAACTTTGAGCCAG 720
 QY 721 CAGACCAAGTCCGTAATGAACTGTCTCTGTCTCCCAAAAGAACTGACCAAGAGGAT 780
 Db 721 CAGACCAAGTCCGTAATGAACTGTCTCTGTCTCCCAAAAGAACTGACCAAGAGGAT 780
 QY 781 CAGGCCAGCTCTGAGTCAAGGAGGCGGCAAGCCCAACAGACAGATGAAAGAGACT 840
 Db 781 CAGGCCAGCTCTGAGTCAAGGAGGCGGCAAGCCCAACAGACAGATGAAAGAGACT 840
 QY 841 TGCAAGAGAGAGAGAGAGAGATGAGAGAGACAGAGATGAGGAGTCAAGTCCACAGC 900
 Db 841 TGCAAGAGAGAGAGAGAGAGATGAGAGAGACAGAGATGAGGAGTCAAGTCCACAGC 900
 QY 901 CTACATTGAAACAACCTTTCTTCTGAGGCAAGAGACCAAGGCTTCCAGGAGCACTGAGGAC 960
 Db 901 CTACATTGAAACAACCTTTCTTCTGAGGCAAGAGACCAAGGCTTCCAGGAGCACTGAGGAC 960
 QY 961 ???TGTGTGTGTGAGACTCAAGGAGGCGGCAAGGCTTCTGTGTCCCAAGGAGAGGCTCTC 1020
 Db 961 ???TGTGTGTGTGAGACTCAAGGAGGCGGCAAGGCTTCTGTGTCCCAAGGAGAGGCTCTC 1020
 QY 1021 TGCTTGGAGATTTCTTCAAGACAGAACTGGGCGCAGACCTGTGAGACTCTCTCTGGAGCAAGGAC 1080
 Db 1021 TGCTTGGAGATTTCTTCAAGACAGAACTGGGCGCAGACCTGTGAGACTCTCTCTGGAGCAAGGAC 1080
 QY 1081 TGGGTCTCTGTGCTATTTGTGAGAGAGGAGGCGCAGGCGCAGGAGGAGGAGTGGGCA 1140
 Db 1081 TGGGTCTCTGTGCTATTTGTGAGAGAGGAGGCGCAGGCGCAGGAGGAGGAGTGGGCA 1140
 QY 1141 CCAAGAAATCTCTCCCAACACCTGAATTTCTCAAGAGACTGGGTTCTGTGAGAGACTGCC 1200
 Db 1141 CCAAGAAATCTCTCCCAACACCTGAATTTCTCAAGAGACTGGGTTCTGTGAGAGACTGCC 1200
 QY 1201 AGAAGATTAACCTCTCTCTCTGAGGCGCAGTGGGCGCAGTTCACACCGAGCGGAATCTGAT 1260
 Db 1201 AGAAGATTAACCTCTCTCTCTGAGGCGCAGTGGGCGCAGTTCACACCGAGCGGAATCTGAT 1260
 QY 1261 CCCTGTGGGGAAGGCGGAGTTTCTTTCAGACATGACCTTGTGTGGGAAAGAGCGCTGA 1320
 Db 1261 CCCTGTGGGGAAGGCGGAGTTTCTTTCAGACATGACCTTGTGTGGGAAAGAGCGCTGA 1320

QY 1321 GGAGAGAGAGAGAGAGAGAGATTCAGAAATTGAGAGACAGCATGCGGAGCTGGGAGGC 1380
 Db 1321 GGAGAGAGAGAGAGAGAGAGATTCAGAAATTGAGAGACAGCATGCGGAGCTGGGAGGC 1380
 QY 1381 TGAAGACACCCAGAGAGACCCAGAGACAGGAGCGCGGACATTTGGGCACTTATGCGCAGATG 1440
 Db 1381 TGAAGACACCCAGAGAGACCCAGAGACAGGAGCGCGGACATTTGGGCACTTATGCGCAGATG 1440
 QY 1441 AGCTGTCTCCCGACATCCCAAGCAATCTGATG 1472
 Db 1441 AGCTGTCTCCCGACATCCCAAGCAATCTGATG 1472
 RESULT 2
 US-10-026-106E-7
 / Sequence 7, Application US/10026106E
 / Publication No. US20030158100A1
 / GENERAL INFORMATION:
 / APPLICANT: Renauld, Jean-Christophe
 / APPLICANT: Fickenslcher, Helmut
 / APPLICANT: Dumoutier, Laure
 / TITLE OF INVENTION: Isolated Cytokine Receptor LIG-2
 / FILE REFERENCE: LUD 5752 NDH
 / CURRENT APPLICATION NUMBER: US/10/026,106E
 / NUMBER OF SEQ ID NOS: 19
 / SEQ ID NO 7
 / LENGTH: 1599
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURES:
 US-10-026-106E-7
 Query Match 88.5%; Score 1303; DB 12; Length 1599;
 Best Local Similarity 91.6%; Pred. No. 0;
 Matches 1468; Conservative 0; Mismatches 0; Indels 135; Gaps 3;
 QY 1 AAGGCCATGCGGAGGCGGAGCGCTGGGCGGCGCTGCTCTGTGCTGTGCAAGGCGCT 60
 Db 1 AAGGCCATGCGGAGGCGGAGCGCTGGGCGGCGCTGCTCTGTGCTGTGCAAGGCGCT 60
 QY 61 CCAAGGAGGCGGCTGTGAGGCGGCTTCCCAAGATGAGAGGCTCTCTCCAGAACTTCAGC 120
 Db 61 CCAAGGAGGCGGCTGTGAGGCGGCTTCCCAAGATGAGAGGCTCTCTCCAGAACTTCAGC 120
 QY 121 GTGTACTGACATGAGCTCCAGAGCTTGGCAACCCCAAGATGAGACTATTTGTGGCC 180
 Db 121 GTGTACTGACATGAGCTCCAGAGCTTGGCAACCCCAAGATGAGACTATTTGTGGCC 180
 QY 181 TATCAGAGCTTCCCAACCCGTAAGAGGTGGCGGAAAGTGAAGGAGTGGGGAAACAAG 240
 Db 181 -ATCAGAGCTTCCCAACCCGTAAGAGGTGGCGGAAAGTGAAGGAGTGGGGAAACAAG 239
 QY 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGTTCAAGGGA 300
 Db 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGTTCAAGGGA 299
 QY 301 CGCGTGGGGAAGGTTTCTCCAGCTCCAAAGTCCCTGGGTGAGTCCCAATACCTGGAT 360
 Db 301 CGCGTGGGGAAGGTTTCTCCAGCTCCAAAGTCCCTGGGTGAGTCCCAATACCTGGAT 359
 QY 361 TACCTTTTGAAGTGAAGCCGCGCCCACTGTCTGTGTGTCAACCCAGACGAGAGATC 420
 Db 361 TACCTTTTGAAGTGAAGCCGCGCCCACTGTCTGTGTGTCAACCCAGAGAGATC 419
 QY 421 CTGAGTGCATATGCATGACAGTACGAGTCCCTGTCATATGCCCCCACTGATGTGAAGTAT 480
 Db 421 CTGAGTGCATATGCATGACAGTACGAGTCCCTGTCATATGCCCCCACTGATGTGAAGTAT 479
 QY 481 GAGGTGCATATTCGAAAGAGAGGAGGCGGAAACAAAGACCTATTTCCAGTCACTCCCAT 540

Db 480 GAGGTGGCATTTGGAAGAGGGGGCCGAAACCAAGCCATTTTCAGTCACTCCCAT 539
Qy 541 GGGCAGCGAGTCCAGATCACTCTCAAGAGCTCCAGCAACAACAATGCTCAGTCC 600
Db 540 GGGCAGCGAGTCCAGATCACTCTCAAGAGCTCCAGCAACAACAATGCTCAGTCC 599
Qy 601 AGAAGCATCTACAGTTCAGTCCGAAATATACAGCAAGTTCCTTAAGCCCACTGCTTC 660
Db 600 AGAAGCATCTACAGTTCAGTCCGAAATATACAGCAAGTTCCTTAAGCCCACTGCTTC 659
Qy 661 TTGCTGAGAGTCCCA----- 675
Db 660 TTGCTGAGAGTCCCAAGAGCAATGAGGCTTCTGCTGCTCCATCGCTTCATGACTG 719
Qy 676 ----- 675
Db 720 CTGTATAGTAATGCGCGAGGGGTGATCTGGAAGACCCATAGGGAACCCCTGTTT 779
Qy 676 -----GACTTTTCTGGAACAACAACCTCTGGAAC 709
Db 780 CAGCGCGCAAGATGCAAGGCGCTTGAATTTCTGGAACAACAACCTCTGGAAC 839
Qy 710 TTTCAGCCAGCAAGATCCGTAATGATCTGCTGCTGCTCCCAAGAGACTG 769
Db 840 TTTCAGCCAGCAAGATCCGTAATGATCTGCTGCTGCTCCCAAGAGACTG 899
Qy 770 ACCAGAGGGGTGAGGCGCGAGCTGAGTCAAGGCGCCCAACAACAAGATG 829
Db 900 ACCAGAGGGGTGAGGCGCGAGCTGAGTCAAGGCGCCCAACAACAAGATG 959
Qy 830 AAGAAAGCATCTGCAAGAGCAAGAGAGAGAGATGAGAGCAACAAGATGAGCTG 889
Db 960 AAGAAAGCATCTGCAAGAGCAAGAGAGAGAGATGAGAGCAACAAGATGAGCTG 1019
Qy 890 AGCTTCAGAGCTTACATGAAACAACCTTCTTCTGAGGGCAAGAGCAAGGCTCAAG 949
Db 1020 AGCTTCAGAGCTTACATGAAACAACCTTCTTCTGAGGGCAAGAGCAAGGCTCAAG 1079
Qy 950 CACTGAGAGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1009
Db 1080 CACTGAGAGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1136
Qy 1010 GAAAGGCTCTCTGCTGAGAGATCTTCAACAAGAGAGAGAGAGAGAGAGAGAG 1069
Db 1137 GAAAGGCTCTCTGCTGAGAGATCTTCAACAAGAGAGAGAGAGAGAGAGAGAG 1186
Qy 1070 TGGGACAG 1129
Db 1197 TGGGACAG 1256
Qy 1130 GGGGATGAGAGAGAGAGATCTCTCCCAACAAGAGAGAGAGAGAGAGAGAGAG 1189
Db 1257 GGGGATGAGAGAGAGAGATCTCTCCCAACAAGAGAGAGAGAGAGAGAGAGAG 1316
Qy 1190 GAAAGGCTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1249
Db 1317 GAAAGGCTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1376
Qy 1250 CCGAATCTGCTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1309
Db 1377 CCGAATCTGCTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1436
Qy 1310 AGCAGGCTCTGAG 1369
Db 1437 AGCAGGCTCTGAG 1496
Qy 1370 AGCTGAG 1429
Db 1497 AGCTGAG 1556
Qy 1430 ATGAGCAG 1472
Db 1557 ATGAGCAG 1599

RESULT 3
US-09-995-898A-18
; Sequence 18, Application US/09995898A
; Publication No. US20030027253A1
GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: No. US20030027253A1ak, Julia E.
; APPLICANT: Whitmore, Theodore E.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
; FILE REFERENCE: 00-108
; CURRENT APPLICATION NUMBER: US/09/995,898A
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/253,561
; PRIOR FILING DATE: 2000-11-28
; PRIOR FILING DATE: 2001-02-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 18
; LENGTH: 1563
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1563)
US-09-995-898A-18
Query Match 86.8%; Score 1278; DB 11; Length 1563;
Best Local Similarity 91.4%; Pred. No. 0;
Matches 1432; Conservative 0; Mismatches 0; Indels 134; Gaps 2;
Qy 7 ATGAGCGAGGCGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 66
Db 1 ATGAGCGAGGCGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 60
Qy 67 AGGCGCGCTCTGAG 126
Db 61 AGGCGCGCTCTGAG 120
Qy 127 CTGACATGAGCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 186
Db 121 CTGACATGAGCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
Qy 187 AGCTTCCCAAG 246
Db 181 AGCTTCCCAAG 240
Qy 247 CTATGTTCTATGATGAGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 306
Db 241 CTATGTTCTATGATGAGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
Qy 307 CGAAGGATTTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 366
Db 301 CGAAGGATTTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
Qy 367 TTGAGAGTGAAG 426
Db 361 TTGAGAGTGAAG 420
Qy 427 GCGAATGCAAG 486
Db 421 GCGAATGCAAG 480
Qy 487 GCAATTCGAG 546
Db 481 GCAATTCGAG 540
Qy 547 CCAATTCAGATCACTCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 606

Db 541 CCACTCCAGATCACTCTCCAGCCAGCTCCAGCCGAAACCACTGCTCTAGTCCAGAAAC 600
 QY ATTACAGCTTCACTGATCCGAAATACAGCAAGTCTCTTAAGCCCACTGCTCTTCTGCTG 666
 Db 601 ATCTACACCTTCACTGATCCGAAATACAGCAAGTCTCTTAAGCCCACTGCTCTTCTGCTG 660
 QY 667 GAGTCCCAAGACTTTTCTGACAC-----A 694
 Db 661 GAGTCCCAAGACTTTTCTGACAC-----A 694
 QY 695 CACCTGTGCAACTTTTCAAGCCAGCAAGCTCCGTATGATGACTTTTCTGCTG 754
 Db 721 GTAATGCGCGAGGGGGTGTGATCTGGAAGACCTTCATGGGAAACCTTGTTTCAAGGG 780
 QY 755 CCCCCA-----AGAACTGACAGAGGGGTCAAGGCCAGCCCTGAGTCAAG 802
 Db 761 GCAAGATGCCACGGGCTTGAATGACAGAGGGGTCAAGGCCAGCCCTGAGTCAAG 840
 QY 803 GCCCAGCCACCCACAGACAGATGGAAGAGACCTTTCAGAGAGAGAGAGAGAG 862
 Db 841 GCCCAGCCACCCACAGACAGATGGAAGAGACCTTTCAGAGAGAGAGAGAGAG 900
 QY 863 GATAGAGAGACACAGAAAGTGGCTTCAAGCTTCCAGCCCTTCAATTGAACCACTTCTTC 922
 Db 901 GATAGAGAGACACAGAAAGTGGCTTCAAGCTTCCAGCCCTTCAATTGAACCACTTCTTC 960
 QY 923 CTGGGGCAAGACACAGGCTTCAAGGCACTTCAAGGCTTTTGGTGGGTGAGCTCAAGG 982
 Db 961 CTGGGGCAAGACACAGGCTTCAAGGCACTTCAAGGCTTTTGGTGGGTGAGCTCAAGG 1017
 QY 983 AGGCCAAGGCTCTCTGCTGCTCCAGAGAGGCTCTCTGCTTGGAGATTCTTCAAGACA 1042
 Db 1018 AGGCCAAGGCTCTCTGCTGCTCCAGAGAGGCTCTCTGCTTGGAGATTCTTCAAGACA 1077
 QY 1043 AGCTGGGCAAGACCTTCTCTTGGAGAGAGGCTCTCTGCTTGGAGATTCTTGGCT 1102
 Db 1078 AGCTGGGCAAGACCTTCTCTTGGAGAGAGGCTCTCTGCTTGGAGATTCTTGGCT 1137
 QY 1103 GAGAAGGGGCGAGGCGCAAGGGGCTGGAGTGGGACCAAGAAATCTCTCCACCACT 1162
 Db 1138 GAGAAGGGGCGAGGCGCAAGGGGCTGGAGTGGGACCAAGAAATCTCTCCACCACT 1197
 QY 1163 GAATCTCTCAAGACTGGGTTCTCTGAAAGCTCCCAAGAAATCTCTCTCTCTG 1222
 Db 1198 GAATCTCTCAAGACTGGGTTCTCTGAAAGCTCCCAAGAAATCTCTCTCTCTG 1257
 QY 1223 GCCACTGGGCACTTACCAAGCGAGCGAAATCTGCTCTCTGGGAGACCCCAAGTTTCT 1282
 Db 1258 GCCACTGGGCACTTACCAAGCGAGCGAAATCTGCTCTCTGGGAGACCCCAAGTTTCT 1317
 QY 1283 CTTTCAAGACTGAGCTTCTGCTGGAGAAACAGACCTCTGAGAGAGAGAGAGAGAGAA 1342
 Db 1318 CTTTCAAGACTGAGCTTCTGCTGGAGAAACAGACCTCTGAGAGAGAGAGAGAGAA 1377
 QY 1343 TCAGAAATTGAGAGACAGATGCGGAGCTGGGGGCTGAGAGACCCAGAGAGAGAG 1402
 Db 1378 TCAGAAATTGAGAGACAGATGCGGAGCTGGGGGCTGAGAGACCCAGAGAGAGAG 1437
 QY 1403 GACAGAGGCGGAGCAATTGGGGCATTTAATGGCCAGAGTGA 1441
 Db 1438 GACAGAGGCGGAGCAATTGGGGCATTTAATGGCCAGAGTGA 1476

RESULT 6
 US-10-127-816-23
 / Sequence 23, Application US/10127816
 / Publication No. US20030104416A1

/ GENERAL INFORMATION:
 / APPLICANT: Sheppard, Paul O.
 / APPLICANT: Fox, Brian A.
 / APPLICANT: Klueber, Kevin M.
 / APPLICANT: Taft, David W.
 / APPLICANT: Kindevogel, Wayne R.

/ TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
 / FILE REFERENCE: 01-17
 / CURRENT APPLICATION NUMBER: US/10/127,816
 / CURRENT FILING DATE: 2002-04-19
 / PRIOR APPLICATION NUMBER: US 60/285,408
 / PRIOR FILING DATE: 2001-04-20
 / PRIOR APPLICATION NUMBER: US 60/286,482
 / PRIOR FILING DATE: 2001-04-25
 / PRIOR APPLICATION NUMBER: US 60/341,050
 / PRIOR FILING DATE: 2001-10-22
 / PRIOR APPLICATION NUMBER: US 60/341,105
 / PRIOR FILING DATE: 2001-10-22
 / PRIOR APPLICATION NUMBER: US 09/895,834
 / PRIOR FILING DATE: 2001-06-29
 / PRIOR APPLICATION NUMBER: US 60/285,424
 / PRIOR FILING DATE: 2001-04-20
 / NUMBER OF SEQ ID NOS: 59
 / SOFTWARE: FASTSEQ for Windows Version 4.0
 / SEQ ID NO: 23
 / LENGTH: 1476
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: (1)...(1473)
 US-10-127-816-23

Query Match 85.5%; Score 1259; DB 14; Length 1476;
 Best Local Similarly 92.8%; Pred. No. 0;
 Matches 1372; Conservative 0; Mismatches 60; Indels 47; Gaps 3;

QY 7 ATGCGGGGCGGAGCGCTGGGGCCCTCTCTCTGCTGCTGCTGCAAGCCGCTCAAGG 66
 Db 1 ATGCGGGGCGGAGCGCTGGGGCCCTCTCTCTGCTGCTGCTGCAAGCCGCTCAAGG 60
 QY 67 AGGCGCGCTGCGCCCTCCCAAGATGAGCGCTCTCTCCCAATTTAGCGTTC 126
 Db 61 AGGCGCGCTGCGCCCTCCCAAGATGAGCGCTCTCTCCCAATTTAGCGTTC 120
 QY 127 CTGACATGCTCCCAAGGCTTGGACCCCAAGATGAGCTTATTTGGCTATCAG 186
 Db 121 CTGACATGCTCCCAAGGCTTGGACCCCAAGATGAGCTTATTTGGCTATCAG 180
 QY 187 AGCTTCCCAAGCGTGGGCGGAGTGGAGAGATGGCGGAAACCAAGAGCTG 246
 Db 181 AGCTTCCCAAGCGTGGGCGGAGTGGAGAGATGGCGGAAACCAAGAGCTG 240
 QY 247 CTATGTTCTATGATGCTGCTGAAGAAACAGACCTGTATACCAAGTTCAAGGAGCTG 306
 Db 241 CTATGTTCTATGATGCTGCTGAAGAAACAGACCTGTATACCAAGTTCAAGGAGCTG 300
 QY 307 CGGACGTTTCTCCAGCTCCAGATCCCTGGGTGAGTCCGAATACCTGAGTTACTT 366
 Db 301 CGGACGTTTCTCCAGCTCCAGATCCCTGGGTGAGTCCGAATACCTGAGTTACTT 360
 QY 367 TTTGAGTGAAGCGGCGCCCACTGTCTGTGCTCAACCAAGAGAGATCTGAGT 426
 Db 361 TTTGAGTGAAGCGGCGCCCACTGTCTGTGCTCAACCAAGAGAGATCTGAGT 420
 QY 427 GCGAATCCAGTACAGAGTGGCGCCCTGAGTCCCACTGATCTGAATGAGAGT 486
 Db 421 GCGAATCCAGTACAGAGTGGCGCCCTGAGTCCCACTGATCTGAATGAGAGT 480
 QY 487 GCATTTGAGAGAGGGGGCGGAAACAAAGCTTATTTCAAGTACCTCCCAAGGCGAG 546
 Db 481 GCATTTGAGAGAGGGGGCGGAAACAAAGCTTATTTCAAGTACCTCCCAAGGCGAG 540
 QY 547 CCACTCCAGATCACTCTCAGCGAGCTGCAAGGAAACACCACTGCTCAGTCCAGAAC 606
 Db 541 CCACTCCAGATCACTCTCAGCGAGCTGCAAGGAAACACCACTGCTCAGTCCAGAAC 600
 QY 607 ATCTACAGTTCAGTGTCCGAAATACAGCAAGTCTTAAGCCCAAGCTGCTTCTGCTG 666

Db	600	ATCTACAGGTTCAAGTGTCCCGAAATACAGAAAGTTCTTAAAGCCACCTGCTTCTGCTG	660
Oy	667	GAGTTCCTCCAGGACCTTTTCTTGACACAC-----A	694
Db	661	GAGGTTCCTCCAGGACCTTCTTGACACAC-----A	720
Oy	695	CACCTCTGAGGACCTTTTCAAGCCACAGACCAAGATCCGTGAATGATCTTCTCTGT	754
Db	721	GTAAATGTCCGACGAGGAGGTGTGATCTTGAAAGCCCTAATGGGAAACCCCTGTTTCAAGGG	780
Oy	755	CCCCAAA-----AGGAATCAAGACAGAGGGGTCAAGGCCCAAGCTTGTAGTCAAG	802
Db	781	GCMAAGATGCCACGGGCGCTTGAGAACTGACACAGAGGGGTCAAGGCCCAAGCTTGTAGTCAAG	840
Oy	803	GGCCCAAGCCACCTCAACAGACAGAAATGGAAGAAAGACCTTTCAGAGACCAAGAGAGAG	862
Db	841	GGCCCAAGCCACCTCAACAGACAGAAATGGAAGAAAGACCTTTCAGAGACCAAGAGAGAG	900
Oy	863	GATGAGAGAGACACAGAAAGATGCGCTCAAGCTTCCAGGCCCTTAATTAACACCTTCTTTC	922
Db	901	GATGAGAGAGACACAGAAAGATGCGCTCAAGCTTCCAGGCCCTTAATTAACACCTTCTTTC	960
Oy	923	CTGGGGCAAGAGACACAGAGCTTCAAGGGACCTTCGAAAGGC??TGTGTGGGTGGAATCAAGGG	982
Db	961	CTGGGGCAAGAGACACAGAGCTTCAAGGGACCTTCGAAAGGC--TGTGTGGGTGGAATCAAGGG	101
Oy	983	AGGCCCCAGGGTCTCTTGTGTCCTCAAGAGAGGCTCTCTGCTTGGGATTTTCAAGACGA	104
Db	1018	AGGCCCCAGGGTCTCTTGTGTCCTCAAGAGAGGCTCTCTGCTTGGGATTTTCAAGACGA	107
Oy	1043	AGCTGAGGCGACACCTGATGATCTCTCTGAGGACAGAGGCTGTGGTCTCTGAGTATTTGGCT	110
Db	1078	AGCTGAGGCGACACCTGATGATCTCTCTGAGGACAGAGGCTGTGGTCTCTGAGTATTTGGCT	113
Oy	1103	GAGAGGGGGCCAGGCCCAAGGGCCGGGTGGGATGGGCAACAAGATCTCTTCCACACCT	116
Db	1138	GAGAGGGGGCCAGGCCCAAGGGCCGGGTGGGATGGGCAACAAGATCTCTTCCACACCT	119
Oy	1163	GAAATCTCCAGAGACTCGGGTTCCTGAGAAAGACTCCAGAAAGTAACTCTCTCTCTG	122
Db	1198	GAAATCTCCAGAGACTCGGGTTCCTGAGAAAGACTCCAGAAAGTAACTCTCTCTCTG	125
Oy	1223	GGCACCTGAGGACCTTAACAAGGAGCGGAATCTGTATCCCTGTGGGAGACCCCAAGTTTCT	128
Db	1258	GGCACCTGAGGACCTTAACAAGGAGCGGAATCTGTATCCCTGTGGGAGACCCCAAGTTTCT	131
Oy	1283	CTTCAAGACATGACCTTCTCTGTGGAAAGACAGACCTCTTAAGAGAGAGGCGAGGAA	134
Db	1318	CTTCAAGACATGACCTTCTCTGTGGAAAGACAGACCTCTTAAGAGAGAGGCGAGGAA	137
Oy	1343	TCAGAAATTGAGGACACAGATGCGGGCAGCTGAGGAGGCTGAGAGCACCCAGAGAGCCGAG	140
Db	1378	TCAGAAATTGAGGACACAGATGCGGGCAGCTGAGGAGGCTGAGAGCACCCAGAGAGCCGAG	143
Oy	1403	GACAGGGGGCCGAGCAATTGGGGGCTTAACATGCGCAGAGTGA	1441
Db	1438	GACAGGGGGCCGAGCAATTGGGGGCTTAACATGCGCAGAGTGA	1476

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: PRIOR APPLICATION NUMBER: US 60/253,561
: PRIOR FILING DATE: 2000-11-28
: PRIOR APPLICATION NUMBER: US 60/267,211
: PRIOR FILING DATE: 2001-02-07
: NUMBER OF SEQ ID NOS: 50
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 3
: LENGTH: 1473
: TYPE: DNA
: ORGANISM: Artificial Sequence
FEATURE:
: OTHER INFORMATION: Degenerate polynucleotide sequence of SEQ ID NO:2
FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)..(1473)
: OTHER INFORMATION: n = A,T,C or G
US-09-995-898A-3

Query Match          58.5%; Score 861.8; DB 11; Length 1473;
Best Local Similarity 52.5%; Pedit. No.3,1e-242;
Matches 775; Conservative 320; Mismatches 333; Indels 47; Gaps 3

Qy      7  AAGCGGGGGCCGAGAGCGCTGGGGCCCCCTGCTCTGTGCTCTGCGAGCGCGCTCCAGG 66
Db      1  ATGGCGAGGACCNARAGNAGTGGGAGNCAGTATYTTATYTTGTTATYTTNCAAGCAGCNCAGN 60

Qy      67  AGGCGCCGCTGCGCCCTCTCCGAGATGTGACCTCTCTCCAGAACTTCAGCGGTATC 126
Db      61  MGNCCNAGNTYTNCCNCCNCCNCAAPAAAGTAAAGTATYTTMSSCAAPAAATYTSNGTATAY 120

Qy      127  CTGACATAGGCTCTCCAGAGGCTTGGGACACCCCGAGATGTGACCTATTTTGGGCTATNAG 186
Db      121  YTNACNTGTTCNCGAGNTYTNAGNAAATCCNCAAGATGTACATATTTTGTNCATTAACAR 180

Qy      187  AGCTCTCCCAACCCGTAGACGCTGGCGGAAAGTGAAGAAGTGTGCGGAAACCAAGAGCTG 246
Db      181  WSNNSCCNACNNKNNKNNKNTGAGAGTGAAGATGTGAGATGTGCNAGNACNAARGARATTN 240

Qy      247  CTATGTTCTATGATGTGCTGCTGAAGAAACAGAACCTGTACACAGATTCAAGGAGCGGTG 306
Db      241  YTNATYSNATGATGTGATTYTNAAAPAAACAGATYTTATYTAATTAATTAARAGNMGATN 300

Qy      307  CGGACGGTTTCTCCGACGCTCCAGATGCCCTCGGTGGAGTCCGAAATCTGAGATTAACTT 366
Db      301  MGNACNTMNSNCNMSNNAARNSNCNCTGGGTGTGAGMSAGATATYTNAGATYATTN 360

Qy      367  TTGAAGTGAAGACCGGCGCCCACTGTCTCTGTGCTCAACCCAGACGGAAGAGATCTGAGT 426
Db      361  TTYGARATGNARCNMGNCNCCNCGTATYTTGTYTTNACACAAACGARGARATHTYMSN 420

Qy      427  GCCAATGACAGTACAGAGTGCGCCCTCGATATGCCCCCACTGAGATCTGAAGTATGAGGTG 486
Db      421  GGNATYGCNACNTATYCARATYTCNCTGATGTATGCCNCCNATYTTTATTNARATYAGRGTN 480

Qy      487  GCATTCGTGAAGAGGGGGCGGAAACAAACCTATTTTCAGATCACTCCCAATGCGCAG 546
Db      481  GCATTTTGGGAGNAGNAGNCNAGNACNAAPACNATYTTTCNAGTACNCCNCAAGNACAR 540

Qy      547  CCAAGTCAGATCACTCTCCAGACAGCTGCCAGGAAACACACATGCTCAAGTGCAGAACCC 606
Db      541  CCGNATCARATYACATYTCARCCNCGCNGCNSNGARCAATYATGTYTMSNAGNAGNACN 600

Qy      607  ATCTACACGTTCAAGTATCCCGAAATTAAGCAAGATTCTCTTAAGCCCACTGCTCTTGCTG 666
Db      601  ATHTATACATTTMSNGTNCNNAATATATMSAATATTYMSAARCCNACNATGTTTATYTN 660

Qy      667  GAGGTCCGAGGAGATTTTCTGCAACACACACCTGTGGCAACTTCAAGCCGACG----- 721
Db      661  GARGTNCNAGRCNAAATYGGGCAATTTTNTGNTYTNCCNMSATYTNATHTATYTNATTN 720

Qy      722  -----AGACGAGAGTCCGTGAATGACTTGTCTCTGT 754
Db      721  GTNATMGCGNCGAGNGAGTATATTTGAAACATYTNATGGGAAATCCNATGTTTCAARMGN 780

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Qy 755 CCCCCAAG-----GAAGTACAGAGGGGTCAAGCCGCTCGAGTCAGG 802
Db 761 GCNABATGCGNMGNGCNTYNGARVTNACNMGNGNGTNNMCNACNCGNMGNGTNN 840
Qy 803 GCGCCAGCCACCCAAAGAGATGGAAGAAAGACCTTGAGAGAGCAAGAGAGAG 862
Db 841 GCNCGNACNACNACNACNACNACNACNACNACNACNACNACNACNACNACNACN 900
Qy 863 GATGAGAGAGACAGAGATGAGCTCAGCTTCAGCCCTCATTTGACCACTTCTTC 922
Db 901 GAYGARGARAGAYACNGARAGAYGNGTNNMTTYTTCARCTATATGARGCNCGNMTTY 960
Qy 923 CTGGGGCAAGAGCACTGAGGCTCGAGGCACTGGAGGCTCTGAGGCTGAGCTGAGG 982
Db 961 YTNAGNACNAGNACNAGNACNAGNACNAGNACNAGNACNAGNACNAGNACNAGN 1017
Qy 983 AGGCGCAGGCTCTCTGAGTCCCAAGCAGGCTCTCTGAGGATCTTTCAGACAG 1042
Db 1018 MGNCCNMGNCNCGNCTYNGTNCNMGNGAGNGAGNGAGNGAGNGAGNGAGNGAGNG 1077
Qy 1043 AGCTGGCCAGCACTGAGCTCTCTGAGGCAAGGCTGAGCTCTCTGAGCTATTTGCT 1102
Db 1078 WSNITGGCNMGNCNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGN 1137
Qy 1103 GAGAAAGGGCCAGGCGCAAGGGCCGAGTGGGAGTGGGCAACAGAAATCTTCCACCACT 1162
Db 1138 GARAARGNCCNAGNCCNAGNCCNAGNCCNAGNCCNAGNCCNAGNCCNAGNCCNAGN 1197
Qy 1163 GAATCTCTCAAGACTGAGGTTCTCTGAGAGAGCTCCAGAAATACCTCTCTCTG 1222
Db 1199 GARTTYSNABAGAYMSNGNTTYTNGARAGAYTNCNAGARAGAYATYTNMSNGNTG 1257
Qy 1223 GCGACCTGGGCACTTAACACCGGAGCCGAATCTGCTCTCTGGGAGACCCCAATTTCT 1282
Db 1258 GGNACNTGGGAGNACNAGNCCNAGNCCNAGNCCNAGNCCNAGNCCNAGNCCNAGN 1317
Qy 1283 CTTGAGACACTGACTCTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1342
Db 1318 YTNACARACNNTYNTYTTGAGARMSNMSNCNAGARAGARAGARAGARAGARAG 1377
Qy 1343 TCAGAAATTTGAGAGACAGAGTGGGAGCTGAGGAGCTGAGACACCCAGAGAGAG 1402
Db 1378 WSNARATGARGAGAYMSNGAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGN 1437
Qy 1403 GACAGGAGCGGAGACTTGGGAGCTTATCATGAGCAG 1437
Db 1438 GAYMGNGMGNACNNTYNGNCAVTATGCGMNG 1472

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RESULT 8
US-09-995-898A-28
Sequence 28, Application US/0995898A
GENERAL INFORMATION:
  PUBLIC INFORMATION:
  APPLICANT: Presnell, Scott R.
  APPLICANT: Xu, Wenfeng
  APPLICANT: No. US20030027253A1ak, Julia E.
  APPLICANT: Whitmore, Theodore E.
  APPLICANT: Grant, Francis J.
  TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
  FILE REFERENCE: 00-108
  CURRENT APPLICATION NUMBER: US/09/995, 898A
  PRIOR FILING DATE: 2001-11-28
  PRIOR APPLICATION NUMBER: US 60/253,561
  PRIOR FILING DATE: 2000-11-28
  PRIOR APPLICATION NUMBER: US 60/267,211
  PRIOR FILING DATE: 2001-02-07
  NUMBER OF SEQ ID NOS: 50
  SOFTWARE: FaastSeq for Windows Version 3.0
  SEQ ID NO 28
  LENGTH: 1560
  TYPE: DNA

```

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ORGANISM: Artificial Sequence
FEATURES:
  OTHER INFORMATION: Degenerate Polynucleotide sequence of SEQ ID
  OTHER INFORMATION: NO.19
  NAME/KEY: misc_feature
  LOCATION: (1)...(1560)
  OTHER INFORMATION: n = A,T,C or G
US-09-995-898A-28

Query Match 57.9%; Score 852.6; DB 11; Length 1560;
Beet Local Similarity 51.9%; Pred. No. 1.5e-239;
Matches 810; Conservative 331; Mismatches 287; Indels 134; Gaps 2;

Qy 7 ATGGCCGGGCGGAGCGCTGGGCGGCGGCTCTGAGGCTGAGGCGGCGGCGG 66
Db 1 ATGGCCGGGCGGAGCGCTGGGCGGCGGCTCTGAGGCTGAGGCGGCGGCGG 60
Qy 67 AGGCGCGCTCTGAGGCGGCTCTGAGGAGTGAAGCTCTCTGAGGAGTGAAG 126
Db 61 MGNCCNMGNCNCGNCTYNGTNCNMGNGAGNGAGNGAGNGAGNGAGNGAGNGAG 120
Qy 127 CTGACATGCTCTGAGGCTGAGGCTGAGGAGGCGGAGGAGTGAAGTGAAGTGAAG 186
Db 121 YTNACNTGCTCTGAGGCTGAGGAGGCGGAGGAGTGAAGTGAAGTGAAGTGAAG 180
Qy 187 AGCTTCCACCCGTAAGCGGTGAGCGGAGAGTGAAGTGAAGTGAAGTGAAG 246
Db 181 WSNMSNCNACNMGNGAGNGAGNGAGNGAGNGAGNGAGNGAGNGAGNGAGNGAG 240
Qy 247 CTATGCTCTGATGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 306
Db 241 YTNAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 300
Qy 307 CGAGCGGCTTCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGG 366
Db 301 MGNACNTGCTCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGG 360
Qy 367 TTTGAGTGAAGGAGGCGGCGGCGGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 426
Db 361 TTYGAGTGAAGGAGGCGGCGGCGGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 420
Qy 427 GCGAATGCGGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 486
Db 421 GCGAATGCGGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 480
Qy 487 GCATTTCTGAGAGGAGGCGGCGGCGGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 546
Db 481 GCTTTTCTGAGAGGAGGCGGCGGCGGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 540
Qy 547 CCGATCCAGTCACTCTGAGGCTGAGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 606
Db 541 CCGATCCAGTCACTCTGAGGCTGAGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 600
Qy 607 ATCTACAGTTCAGTGTCCCAAAATACAGAGTCTCTAAGCCCACTGCTCTTCTG 666
Db 601 ATHTAATACNTTYSNMGNCNAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 660
Qy 667 GAGTCCCGAG----- 676
Db 661 GARTTNCNAGACNAAATYGGGCTTCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAG 720
Qy 677 ----- 676
Db 721 GTNATGCGNCGNCGNCGNCGNCGNCGNCGNCGNCGNCGNCGNCGNCGNCGNCGN 780
Qy 677 -----GACTTTCTGAGACACACACCTGAGCAACCTTTCAAG 715
Db 781 GCNABATGCGNMGNGCNTYNGARVTNACNMGNGNGTNNMCNACNCGNMGNGTNN 840
Qy 716 CCGAGAGAGACAGAGCGGTGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 775
Db 841 CCMMSNMGNCNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAG 900

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OY 776 GGGCTCAGGCGGACCGCTGAGTCAAGGCGCCAGCCACCCACAGACAGAAATGAGAG 835
DB 901 GAGTNNGCNCACNCNNNGNTNNGCNCNCACNCACNCARACACNNAGTAARAR 960
OY 836 GACCTTGACAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 895
DB 961 GAYTTNCNARAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
OY 896 CAGGCTCAGAGTAAACACCTCTCTTCTGAGGAGAGAGAGAGAGAGAGAGAGAG 955
DB 1021 CACACATATATGACACNCNNNTTTTNGACNARACACACACNCNCNAGNAGN 1080
OY 956 GAGGCTTTCGAGGAGTGAAGTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1015
DB 1081 GAGC---NGAGNAGNTGAGYMSNGAGNAGNAGNAGNAGNAGNAGNAGNAGN 1137
OY 1016 TCCTCTGCTGAGATCTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1075
DB 1138 WSNMNCNAGTGGAGATYSNMSNGATYMSNGATYMSNGATYMSNGATYMSNG 1197
OY 1076 AGGCTGAGTCTCTGAGTATTTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAG 1135
DB 1198 MGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGN 1257
OY 1136 GGGACCAAGATCTCTCCACACCTGAGATCTCCAGAGAGAGAGAGAGAGAGAG 1195
DB 1258 GGNACACARAGATNTTNCNCNCNCNCNCNCNCNCNCNCNCNCNCNCNCNCNC 1317
OY 1196 CTCCAGAGATTAAGTCTCTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAG 1255
DB 1318 YTNMNCNAGAGATYATYMSNMSNTGAGCNCAGTGGAGNAGNAGNAGNAGN 1377
OY 1256 CTGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1315
DB 1378 YTNMNCNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGN 1437
OY 1316 CTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1375
DB 1438 CNGARAGARAGARAGARAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGN 1497
OY 1376 GGGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1435
DB 1498 GAGNCNAGARAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGNAGN 1557
OY 1436 AG 1437
DB 1558 MG 1559

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RESULT 9
 US-09-995-898A-22
 ; Sequence 22, Application US/09995898A
 ; Publication No. US20030027253A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Presnell, Scott R.
 ; APPLICANT: Xu, Wenteng
 ; APPLICANT: No. US20030027253A1ak, Julia E.
 ; APPLICANT: Whitmore, Theodore E.
 ; APPLICANT: Grant, Francis J.
 ; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
 ; FILE REFERENCE: 00-108
 ; CURRENT APPLICATION NUMBER: US/09/995,898A
 ; PRIOR FILING DATE: 2001-11-28
 ; PRIOR APPLICATION NUMBER: US 60/267,211
 ; PRIOR FILING DATE: 2001-02-07
 ; NUMBER OF SEQ ID NOS: 50
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 22
 ; LENGTH: 1422
 ; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Zcytor17-Pc4 fusion protein
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1422)
US-09-995-898A-22

Query Match      41.6%; Score 612.8; DB 11; Length 1422;
Best Local Similarity 98.9%; Pred. No. 2,7e-169;
Matches 617; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

OY 67 AGGCCCCGCTGAGCCGCTCCAGAGATGAGAGAGAGAGAGAGAGAGAGAGAGAG 126
DB 109 AGGCCCCGCTGAGCCGCTCCAGAGATGAGAGAGAGAGAGAGAGAGAGAGAGAG 168
OY 127 CTGACATGAGCTCCAGAGAGCTTGGCAACCCAGAGATGAGAGAGAGAGAGAG 186
DB 169 CTGACATGAGCTCCAGAGAGCTTGGCAACCCAGAGATGAGAGAGAGAGAGAG 228
OY 187 AGCTCTCCACCCGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 246
DB 229 AGCTCTCCACCCGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 288
OY 247 CTATGCTTATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 306
DB 289 CTATGCTTATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 348
OY 307 CGAGAGGCTTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 366
DB 349 CGAGAGGCTTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 408
OY 367 TTTGAGAGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 426
DB 409 TTTGAGAGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 468
OY 427 GCGAATGACAGTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 486
DB 469 GCGAATGACAGTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 528
OY 487 GCATCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 546
DB 529 GCATCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 588
OY 547 CCAATGACAGTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 606
DB 589 CCAATGACAGTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 648
OY 607 ATCTACAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTC 666
DB 649 ATCTACAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTC 708
OY 667 GAGTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 690
DB 709 GAGTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 732

```

RESULT 10
 US-09-995-898A-32
 ; Sequence 32, Application US/09995898A
 ; Publication No. US20030027253A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Presnell, Scott R.
 ; APPLICANT: Xu, Wenteng
 ; APPLICANT: No. US20030027253A1ak, Julia E.
 ; APPLICANT: Whitmore, Theodore E.
 ; APPLICANT: Grant, Francis J.
 ; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
 ; FILE REFERENCE: 00-108
 ; CURRENT APPLICATION NUMBER: US/09/995,898A
 ; PRIOR FILING DATE: 2001-11-28
 ; PRIOR APPLICATION NUMBER: US 60/253,561
 ; PRIOR FILING DATE: 2000-11-28

Query Match	41.5%	Score 611.6;	DB 11;	Length 1922;
Best Local Similarity	97.0%;	Pred. No. 6,7e-169;		
Matches 623;	Conservative	0;	Mismatches 19;	Indels 0;
			Gaps	0.

Qy	46	TTGTGTGAGGCGCGCTTCAGAGGAGGCGCGGTCTGAGCGCCCTCCCGAAGATGAGCGCTGTC	105
Db	1266	CCGCTGGGTTCGGGTGTGATCCAGGCGCCCGTCTGAGCCCTCCCGAAGATGAGCGCTGTC	1325
Qy	106	TCCCAAGACTTCAAGCTGTACTGTACATATGTGCTCCAGGGCTTGGCAACCCCGAGATGTG	165
Db	1336	TCCCAAGACTTCAAGCTGTACTGTACATATGTGCTCCAGGGCTTGGCAACCCCGAGATGTG	1385
Qy	166	ACCTATTTTGTGCGCTTATCAGAGCTCTCCGACCCGTAAGCGGTGTGCGGAGATGTGAAG	225
Db	1386	ACCTATTTTGTGCGCTTATCAGAGCTCTCCGACCCGTAAGCGGTGTGCGGAGATGTGAAG	1445
Qy	226	TGTGTGGGAACCAAGAGCGTGCTATGTGTTCTATATATGTGTGTGAAGAAACAGACTGTAC	285
Db	1446	TGTGTGGGAACCAAGAGCGTGCTATGTGTTCTATATATGTGTGTGAAGAAACAGACTGTAC	1505
Qy	286	AACAAGTTCAGGGAGCGCGTGTGGAACGGTTTCTCCAGTCCAAATGTCCTCGGTGAG	345
Db	1506	AACAAGTTCAGGGAGCGCGTGTGGAACGGTTTCTCCAGTCCAAATGTCCTCGGTGAG	1565
Qy	346	TCCGAATACCTGTGATTACTCTTTTGAAGTGAAGCGGAGCCCACTGTGCTGTGCTCAC	405
Db	1566	TCCGAATACCTGTGATTACTCTTTTGAAGTGAAGCGGAGCCCACTGTGCTGTGCTCAC	1625
Qy	406	CAGAAGAGAGATCTTGATGTGCCAATGCCATCCAGCTGCCCTCTGTATGCCCA	465
Db	1626	CAGAAGAGAGATCTTGATGTGCCAATGCCATCCAGCTGCCCTCTGTATGCCCA	1685
Qy	466	CTGATCTGAAGATATGAGGTGTGCAATTCTGGAAGAGAGGGGCGGAAACAAGACCTATT	525
Db	1686	CTGATCTGAAGATATGAGGTGTGCAATTCTGGAAGAGAGGGGCGGAAACAAGACCTATT	1745
Qy	526	CCAGTCACTCCCAATGGCGAGCTCAATCACTCTCAACGACGCTGCCAGCAAC	585
Db	1746	CCAGTCACTCCCAATGGCGAGCTCAATCACTCTCAACGACGCTGCCAGCAAC	1805
Qy	586	CAGTGCCTCAGTGCAGAAACCATCTACAGTTCACTGTGCCAAATACAGCAAGTTCT	645
Db	1806	CAGTGCCTCAGTGCAGAAACCATCTACAGTTCACTGTGCCAAATACAGCAAGTTCT	1865
Qy	646	AAGCCCACTGTCTTTCTGTGAGGTCCCAAGACTTTTCTGG	687
Db	1866	AAGCCCACTGTCTTTCTGTGAGGTCCCAAGACTTTTCTGG	1907

RESULT 11
US-09-995-998A-20
Sequence 20, Application US/0995998A
Publication No. US20030027253A1
GENERAL INFORMATION:
APPLICANT: Preenell, Scott R.
INVENTOR: Xu, Wenteng
APPLICANT: No. US20030027253A1ak, Julia E.

```

1  APPLICANT: Whitmore, Theodore B.
2  APPLICANT: Grant, Francis J.
3  TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
4  FILE REFERENCE: 00-108
5  CURRENT APPLICATION NUMBER: US/09/995,898A
6  CURRENT FILING DATE: 2003-11-28
7  PRIOR APPLICATION NUMBER: US 60/253,561
8  PRIOR FILING DATE: 2000-11-28
9  PRIOR APPLICATION NUMBER: US 60/267,211
10 PRIOR FILING DATE: 2001-02-07
11 NUMBER OF SEQ ID NOS: 50
12 SOFTWARE: FastSeq for Windows Version 3.0
13 SEQ ID NO 20
14 LENGTH: 674
15 TYPE: DNA
16 ORGANISM: Homo sapiens
17 FEATURE:
18 NAME/KEY: CDS
19 LOCATION: (1)...(633)
20 US-09-995-898A-20

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Query Match 34.6%; Score 510; DB 11; Length 674;
Best Local Similarity 100.0%; Pred. No. 3e-139;
Matches 510; Conservative 0; Mismatches 0; Indels 0; Gaps 0.

QY	7	ATAGGAGGAGGACCGAGAGCGCTGAGGAGCCCTGCTCTGTGCTCTGCTCAAGCCGCTCCAGGG	66
Db	1	ATGAGGAGGAGGACCGAGAGCGCTGAGGAGCCCTGCTCTGTGCTCTGCTCAAGCCGCTCCAGGG	60
QY	67	AGAGCCCGCTCTGAGCCCTCTCCCGAAGATGTAACGTGCTCTCCGAACTTCAGAGCTGAC	126
Db	61	AGGAGCCCGCTCTGAGCCCTCTCCCGAAGATGTAACGTGCTCTCCGAACTTCAGAGCTGAC	120
QY	127	CTGACATAGGCTCCGAGGCTTTGACAAACCCCGAGATGTACCTATTTTGTGCTTACAG	186
Db	121	CTGACATAGGCTCCGAGGCTTTGACAAACCCCGAGATGTACCTATTTTGTGCTTACAG	180
QY	187	AGCTCTCCACCCGCTGAGACGTGTGCGCGAATGTGAAGATGTGTGCGGAAACCAAGAGCTG	246
Db	181	AGCTCTCCACCCGCTGAGACGTGTGCGCGAATGTGAAGATGTGTGCGGAAACCAAGAGCTG	240
QY	247	CTAATCTCTAATGATGTGTGCTGTAAGAAAGAGACCTGTACAAACAGTTCAAGAGACGCTG	306
Db	241	CTAATCTCTAATGATGTGTGCTGTAAGAAAGAGACCTGTACAAACAGTTCAAGAGACGCTG	300
QY	307	CGGACGAGTTTCTCCGAGCTTCAGATCCCCCTGAGTGGAGTCCGAATACCTGGAATTACCTT	366
Db	301	CGGACGAGTTTCTCCGAGCTTCAGATCCCCCTGAGTGGAGTCCGAATACCTGGAATTACCTT	360
QY	367	TTTGAAGTGAAGCGAGGCCCACTGTCTCTGTGTCTCACCCAGACGAGAGATCTTGAGT	426
Db	361	TTTGAAGTGAAGCGAGGCCCACTGTCTCTGTGTCTCACCCAGACGAGAGATCTTGAGT	420
QY	427	GGCAATGTCAATACAGATCGAGTCCCCCTGTGCAATGCCCCCACTGTGATCTGAATGATGAGTG	486
Db	421	GGCAATGTCAATACAGATCGAGTCCCCCTGTGCAATGCCCCCACTGTGATCTGAATGATGAGTG	480
QY	487	GCATTTCTGAAAGAGGAGGGGCGCGAAAACAG	516
Db	481	GCATTTCTGAAAGAGGAGGGGCGCGAAAACAG	510

RESULT 12
 US-10-187-616-28
 : Sequence 28, Application US/10127616
 : Publication No. US20030104416A1
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Sheppard, Paul O.
 : APPLICANT: Rock, Brian A.
 : APPLICANT: Kitchner, Kevin M.
 : APPLICANT: Tate, David W.
 : APPLICANT: Kindvogel, Wayne R.
 : TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY

